

**COMMUNICATION SYSTEM AND METHOD FOR COMPRESSING
INFORMATION SENT BY A COMMUNICATION DEVICE TO A TARGET
PORTABLE COMMUNICATION DEVICE**

Abstract of Disclosure

[0030] A method and system are provided for compressing information to be sent from a server to a client such as a portable communication device. The server maintains first and second dictionaries for each portable device in the system. The first dictionary is provided to the portable communication device. The server generates more recent second dictionaries as new data comes into the server to be sent to a particular portable device. Communication between the server and a particular portable device is possible over a low cost wire line connection or a more expensive wireless connection. The more recent and accurate second dictionary, together with data compressed using the second dictionary, is sent to the portable device when the portable device is connected to the server by the less expensive wire line connection. However, when the portable device is connected to the server by the more expensive wireless connection, then the server compresses the data to be transmitted to the portable device using the first dictionary which is already stored on the portable device.